

Message Text

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PAGE 01 PORT A 01045 232256Z
ACTION ARA-10

INFO OCT-01 ISO-00 SSO-00 INT-05 IGA-02 INRE-00 USIE-00
AID-05 CIAE-00 HEW-04 INR-07 NSAE-00 PA-01 PRS-01
DHA-02 SCA-01 EB-08 IO-13 SCS-03 CCO-00 /063 W
-----232311Z 064410 /46

O P 232115Z MAR 77
FM AMEMBASSY PORT AU PRINCE
TO SECSTATE WASHDC IMMEDIATE 4421
FESA FT BELVOIR VA IMMEDIATE
INFO OSD(ISA) PRIORITY
JCS PRIORITY
DAEN-FEZ-A PRIORITY
DIA WASHDC PRIORITY
CINCLANT NORFOLK VA PRIORITY
USCINCSO QUARRY HTZ CZ PRIORITY

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EO 11652 N/A
TAGS: ENRG, SWEL, HA
SUBJECT: ASSESSMENT OF DISASTER SITUATION

REF: (A) PORT AU PRINCE 1005, (B) PORT AU PRINCE 0806

1. ASSESSMENT OF SITUATION, BASED ON LTC WEINERT'S SURVEY,
FOLLOWS.

2. TOTAL POWER REQUIREMENTS PORT AU PRINCE ARE ABOUT
34 MW. HYDRO PLANT 50 KM NE OF CITY HAS THREE 15 MW
TURBINE GENERATORS. TWO OPERATE FIVE HOURS PER DAY
PRODUCING 18 MW. PLANS ARE TO CHANGE TO ONE TURBINE
ALL DAY AT 6 MW. RESERVOIR AT PELIGRE DAM CAN SUSTAIN
PRESENT LIMITED OPERATION TO ABOUT 1 MAY BASED ON DRAWDOWN.
COMPETITION EXISTS BETWEEN POWER AND IRRIGATION REQUIREMENTS.
DAM SILTING COMBINED WITH DRY WEATHER HAS REDUCED AVAILABLE
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WATER. HYDRO PLANT FEEDS CITY THROUGH SUBSTATION ON OUTSKIRTS
OF CITY. SERVICE IS 115 KV TO 12.14 KV TO 110/220 DELTA.

3. OLD POWER STATION IN TOWN HAS NOMINAL OUTPUT OF ABOUT
8 MW DEPENDING ON HOW MANY OLD DIESELS ARE RUNNING --
PRESENTLY 8 OUT OF 12 MOSTLY OLD EMD MODELS. SERVICE IS
THROUGH 2400 VOLT BUS. WINDINGS ARE DELTA.

4. EACH SUBSTATION HAS FOUR FEEDERS PLUS TWO 3 MVA INTER-CONNECTING 7 KM BETWEEN HYDRO SUBSTATION AND OLD POWER PLANT SUBSTATION. EXISTING GENERATING CAPACITY TAKES CARE OF FOUR HOSPITALS ON PREFERRED BASIS BUT REST OF FEEDERS GET POWER ONLY ABOUT FOUR HOURS PER DAY. SANITARIUM NOT ON PREFERRED FEEDER.

5. MOST OF CITY IS WITHOUT POWER. HARDEST HIT ARE POOR SECTORS NOT ON PREFERRED FEEDER. ANY ADDED CAPACITY FEEDING INTO SYSTEM WILL ALLEVIATE HARDSHIP AND SUFFERING. FEEDERS 5 AND 6 FROM OLD POWER STATION SERVE DENSELY POPULATED LOW INCOME AREAS. SANITARIUM IS ON FEEDER #6. MOST LOGICAL IMMEDIATE AUGMENTATION OF GENERATING CAPACITY IS AT OLD POWER STATION IN TOWN.

6. MAIN WATER PUMPING STATIONS SERVED FROM HYDRO SUBSTATION GET FIVE HOURS SERVICE DAILY NOW. UN IS REPORTED TRYING TO PROVIDE SERVICE WITH DEDICATED GENERATORS. NEED FOR SMALL UNITS AT SPECIFIC LOADS IS NOT CRITICAL COMPARED TO ABILITY TO SERVE MORE OF CITY FROM CENTRAL PLANT SUBSTATION. CONTINUING INVESTIGATION OF SPECIFIC LOAD REQUIREMENTS.

7. ABOVE ASSESSMENTS CONSISTENT WITH VIEWS OF MINISTER OF PUBLIC WORKS AND DIRECTOR-GENERAL OF ELECTRIC DEPARTMENT. RECOMMEND FOUR 750 KW GENERATORS BE AIRLIFTED ASAP WITHOUT SUBSTATIONS, WITH CREWS. NEW 10 MW PLANT GENERATORS ARE DUE IN TODAY BUT PROBABLY LIMITED OFFICIAL USE

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THREE WEEKS BEFORE FULLY OPERATIONAL. TWO 6 MVA 2400/4160 TO 4.2 KVA TRANSFORMERS NEEDED TO TIE IN 10 MW PLANT TO TWO CROSS FEEDERS ACCORDING TO PRESENT PLANS.

8. CONTINUING DATA COLLECTION. WILL VISIT PELIGRE DAM AND EXAMINE ENTIRE SYSTEM FOR NEEDS. INDICATIONS ARE THAT 750 KW GENERATOR CREWS CAN HELP IN TRAINING AND MAINTENANCE OF SYSTEM IN CONJUNCTION WITH PLANT OPERATION.

9. BECAUSE POWER SHORTAGE IS PREDICTED TO CONTINUE BEYOND MAY, SUGGEST CONSIDERATION OF SENDING AT LEAST ONE 4.5 MW EMD PLANT TO ARRIVE ON OR ABOUT 1 MAY, WHICH IS WHEN AVAILABLE HYRDO IS EXPECTED TO TERMINATE. NEW 10 MW PLANT WILL ONLY PARTIALLY OFFSET SHORTAGE.

10. LONG-TERM SOLUTION EARLY SECOND QUARTER CY 78 WHEN MAJOR NEW 21 MW PLAN DUE ON LINE. EVEN THAT WILL DEPEND ON CONTRIBUTION FROM HYDRO TO SATISFY

TOTAL DEMAND.
ISHAM

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NNN

Message Attributes

Automatic Decaptioning: X
Capture Date: 01-Jan-1994 12:00:00 am
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: DISASTER RELIEF, FLOODS, DAMS
Control Number: n/a
Copy: SINGLE
Sent Date: 23-Mar-1977 12:00:00 am
Decaption Date: 01-Jan-1960 12:00:00 am
Decaption Note:
Disposition Action: RELEASED
Disposition Approved on Date:
Disposition Case Number: n/a
Disposition Comment: 25 YEAR REVIEW
Disposition Date: 22 May 2009
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1977PORTA01045
Document Source: CORE
Document Unique ID: 00
Drafter: n/a
Enclosure: n/a
Executive Order: N/A
Errors: N/A
Expiration:
Film Number: D770100-0378
Format: TEL
From: PORT AU PRINCE
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1977/newtext/t19770331/aaaabaig.tel
Line Count: 118
Litigation Code IDs:
Litigation Codes:
Litigation History:
Locator: TEXT ON-LINE, ON MICROFILM
Message ID: 6b97aab3-c288-dd11-92da-001cc4696bcc
Office: ACTION ARA
Original Classification: LIMITED OFFICIAL USE
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 3
Previous Channel Indicators: n/a
Previous Classification: LIMITED OFFICIAL USE
Previous Handling Restrictions: n/a
Reference: 77 PORT AU PRINCE 1005, 77 PORT AU PRINCE 806
Retention: 0
Review Action: RELEASED, APPROVED
Review Content Flags:
Review Date: 25-Mar-2005 12:00:00 am
Review Event:
Review Exemptions: n/a
Review Media Identifier:
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
SAS ID: 3023613
Secure: OPEN
Status: NATIVE
Subject: ASSESSMENT OF DISASTER SITUATION
TAGS: ENRG, SWEL, HA
To: STATE FESA FT BELVOIR VA IMMEDIATE
Type: TE
vdkgvwkey: odb://SAS/SAS.dbo.SAS_Docs/6b97aab3-c288-dd11-92da-001cc4696bcc
Review Markings:
Margaret P. Grafeld
Declassified/Released
US Department of State
EO Systematic Review
22 May 2009
Markings: Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 22 May 2009